

INTERNATIONAL SEARCH REPORT

International Application No

PCT/B 03/02864

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B33/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01F H02H G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 015, no. 033 (P-1158), 25 January 1991 (1991-01-25) & JP 02 273354 A (SEIKO EPSON CORP), 7 November 1990 (1990-11-07) abstract	1-8
Y	US 6 111 379 A (FELDTKELLER MARTIN) 29 August 2000 (2000-08-29) column 3, line 14-24; figure 1 column 6, line 1-6 -/--	1-8

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

20 October 2003

Date of mailing of the international search report

28/10/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"DIRECT ACCESS STORAGE DEVICE VOICE COIL TEMPERATURE ESTIMATOR AND LIMITER" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 37, no. 9, 1 September 1994 (1994-09-01), pages 477-478, XP000473477 ISSN: 0018-8689 the whole document	1
A	US 5 455 717 A (HOOGENDOORN ABRAHAM ET AL) 3 October 1995 (1995-10-03) abstract	1

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 02273354	A	07-11-1990	NONE		
US 6111379	A	29-08-2000	DE	19754126 A1	17-06-1999
			DE	59808806 D1	31-07-2003
			EP	0921618 A2	09-06-1999
US 5455717	A	03-10-1995	AT	162328 T	15-01-1998
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			EP	0592037 A2	13-04-1994
			JP	3397389 B2	14-04-2003
			JP	6267008 A	22-09-1994